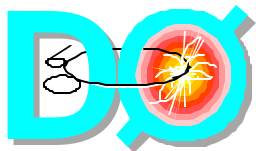


DO Status: 02/04-02/11

- ✍ Week integrated luminosity
 - 1.9pb-1 delivered
 - luminosity to tape: 1.1pb-1
- ✍ major sources of down time
 - hardware issues (HV trips, etc.): 10%
 - DAQ/trigger system reliability: 20%
- ✍ Data collection
 - ✍ global data collections most of the time
 - full detector in readout
 - physics trigger menu
 - ✍ considerable improvements during last week in DAQ
 - additional hardware/software improvements
 - 100Hz DAQ rate (with errors rate well below 1%)
 - limited by readout crates
 - 40Hz to tape rate
 - considerably improved stability and reliability
 - ✍ on Sunday collected over 1.1 mln. events
 - different parts of DAQ system tested
 - front-end and readout crates
 - on-line cluster performance
 - data transfer to tapes
 - farms operation
 - 718k events reconstructed on Sunday
 - ✍ plan to operate at ~100Hz data collection rate and ~50Hz to tape rate for a near term future
 - matches current peak luminosity well
 - addressing issues observed with high rate operation



DO Status

? Luminosity detector

- ✍ stable running

? Silicon detector

- ✍ DO silicon rad. protection: no alarms during last 4 stores
- ✍ Plan to fix 2 power supplies in the "cathedral" area (loss of ~20% of acceptance)
 - ✍ will join recycler repairs next week
 - ✍ current estimate is 4 shifts
 - ✍ ready to perform repairs on short notice, if access will start earlier

? Fiber tracker

- ✍ 115 AFEs boards are operating in the hall
 - ✍ commissioning is in progress
 - ✍ AFE boards mass testing is progressing
 - ✍ off-line track reconstruction is progressing

? Calorimeter

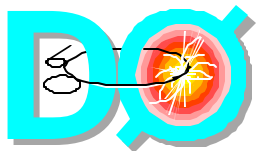
- ✍ Presentation by DO Calorimeter group co-leader Nirmalya Parua

? Muon system

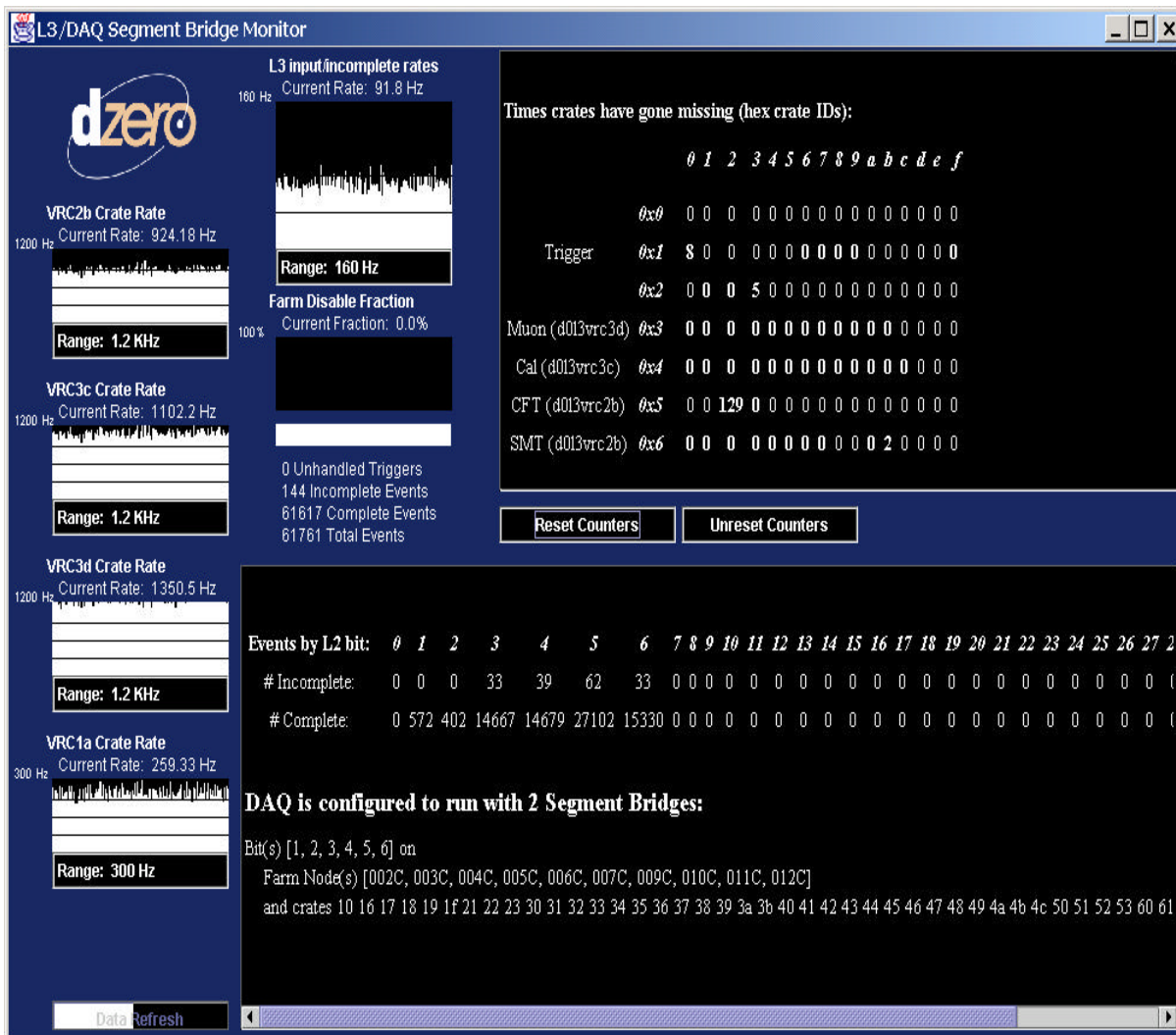
- ✍ running without major problems

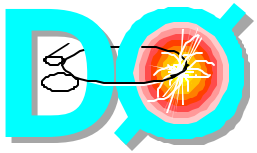
? Trigger

- ✍ running global trigger list version 4.00 (introduced last week) with DAQ rate of about 50Hz and rate to tape of about 30Hz
- ✍ at L1 trigger: calorimeter (jets, electrons) and muon (single and di-muon) triggers
- ✍ Level 2 trigger is in global readout and commissioning is progressing
- ✍ Concentrating on optimization of L3 filtering tools

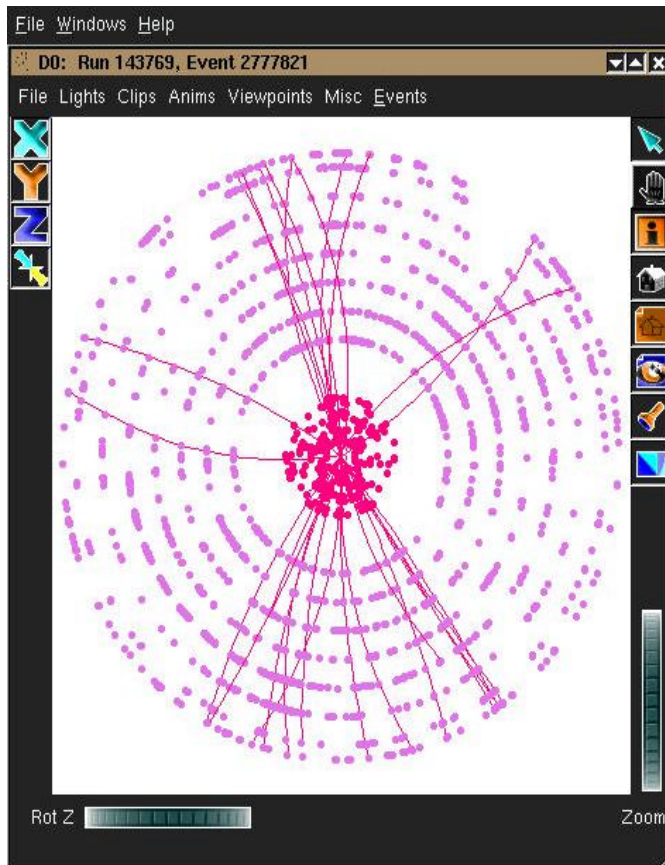


On-line DAQ status display





CFT Track Reconstruction



Reconstructed
CFT tracks

CFT to Calorimeter
match

